

Amendments to the Specification:

Amended page 1, line 1, delete the title "Description"

Amended page 1, before line 5, the paragraph beginning with "The invention relates" insert the following titles and paragraph:

-- CROSS-REFERENCE TO RELATED APPLICATIONS

This is a U.S. national stage of application No. PCT/EP2004/051054, filed on 8 June 2004. Priority is claimed on the following application: Country: Germany, Application No.: 103 29 500.3, Filed: 30 June 2003.

BACKGROUND OF THE INVENTION --

Please replace the paragraph beginning on amended page 1, line 16, with the following amended paragraph:

-- By way of example, ~~EP 0 461 761 B1~~ U.S. Patent No. 5,226,321 discloses rotation rate sensors in which a vibration gyro is excited on two axes which are aligned radially with respect to a major axis, for which purpose a primary and a secondary control loop having appropriate transducers are provided on the vibration gyro. These control loops may include various analog and digital circuits, with the analog circuits and the vibration gyro having tolerances, so that adjustment is necessary, at least during the production of the rotation rate sensor. The individual circuits then access the stored data during subsequent operation. --

Please replace the paragraph beginning on amended page 1, line 28, with the following amended paragraph:

-- Furthermore, EP 1 189 025 A2 and ~~DE 42 42 557 A1~~ U.S. Patent No. 5,313,835

have disclosed data such as this being stored in an EEPROM. For safety reasons, the data is stored in a duplicated (redundant) form in EP 1 189 025 A2, so that the correctness of the data that is read can be checked by comparison. In addition, only one data storage process is provided during the production of the rotation rate sensor. --

Please replace the paragraph beginning on amended page 2, line 4, with the following amended paragraph:

-- In the case of a rotation rate sensor which has been disclosed in ~~DE 43 40 791 A1~~ U.S. Patent No. 5,826,204, a non-volatile memory is provided in an associated electronic controller and has written to it table values which change as the "learning success" of the controller progresses. There is therefore fundamentally a risk that, in poor circumstances, incorrect data may also be written to the volatile memory. --

Amended page 2, before line 16, the paragraph beginning with "The rotation rate", insert the following title:

SUMMARY OF THE INVENTION

Amended page 2a, before line 15, the paragraph beginning with "The invention allows", insert the following title:

BRIEF DESCRIPTION OF THE DRAWINGS

Please replace the paragraph beginning on amended page 2a, line 15, with the following amended paragraph:

-- The invention allows numerous embodiments. One of these will be described in the following text and is illustrated schematically in a number of figures in the drawing, in which: Figure 1 shows is a block diagram of a rotation rate sensor according to the invention, and Figure 2 shows, schematically, the content of the non-volatile memory. --

Page 3, before line 7, the paragraph beginning with "The example of use", insert the following title and paragraph:

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS